In Car Video | **In-Dash Monitor/DVD/CD/MP3/Receiver**

Chicago IVDM-7002

Installation instructions

www.blaupunkt.com

BLAUPUNKT

Safety information

We are pleased that you have chosen a Blaupunkt product, and are grateful for the confidence that you are therefore showing us.

The following installation notes will help you to get the best use out of our product, because incorrect fitting can result in serious problems. The fitting should therefore, if at all possible, be carried out by trained specialists.

Rules for fitting and connecting

- Disconnect the battery's negative terminal! Follow the vehicle manufacturer's safety instructions here.
- Make sure that vehicle parts are not damaged when drilling holes.
- The cross-sectional area of the positive and negative cables must not be less than 1.5 mm^2.
- **Do not connect the vehicle's own plugs to the Chicago IVDM-7002!**
- You can obtain the correct adapter cable for your vehicle from your Blaupunkt dealer.
- Your vehicle may differ from this description, depending on the type of construction. We cannot accept liability for damage to the equipment or consequential damage resulting from incorrect fitting or connection.
  If the instructions given here do not describe your fitting process, please contact your Blaupunkt dealer, your vehicle manufacturer, or use our telephone hotline.
- The Chicago IVDM-7002 is suitable for vehicles with:
  - 11 V - 14.4 V battery voltage
  - the negative terminal connected to the chassis

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Assembly

1. Connections

Warning! We accept no liability for incorrect connection or its consequences!

1.1 Power and loudspeaker connections

The device must be connected to your vehicle using the enclosed connection cable (8 619 002 597) **and an adapter cable specific for your vehicle** (see Fig. 1).

Note: An adapter cable specific for the vehicle must also be used even if the vehicle is already fitted with ISO connectors.

1.2 Additional free connections

The connecting leads described below must, if necessary, be separately connected to the corresponding connections on the vehicle (see Fig. 1).

(1) Handbrake (green)
Connection for the handbrake signal.

(2) Ignition positive (blue)
Additional positive ignition output.

(3) Navigation mute (orange)
Control line for muting the audio source during a navigation announcement.

(4) Ignition positive (brown/white)
Additional positive ignition output

(5) Centre loudspeaker + (black)

(6) Centre loudspeaker - (black/green)
Additional loudspeaker fitted in the centre of the instrument panel.

(7) Ignition positive amplifier (blue/white)
Positive ignition output for a connected amplifier

(8) Reversing light connection
The cable end is included in the vehicle-specific adapter cable, and must inserted into chamber A, pin 3, if necessary.

1.3 Centre loudspeaker

The centre loudspeaker is connected through the two black leads (5) and (6) (see Fig. 1).

Your dealer can tell you about available centre loudspeakers.

1.4 Connect the handbrake signal

Install a cable from the handbrake switch to the connection on the control unit (1) (see Fig. 1). Ensure that the connection is earthed when the handbrake is on.

1.5 Ignition positive for amplifier

Take a cable from the connection (7) to the positive ignition connection of the amplifier (or amplifiers) (see Fig. 1).

1.6 RC 10 connection (accessories)

The receiver sensor for the optional remote control RC 10 is connected to the monitor unit through the enclosed adapter 8 619 002 421 (see Fig. 2).

2. Installation

2.1 Radio antenna

In ready-fitted vehicles (e.g. VW, Seat, Audi) the antenna supply voltage is provided through the antenna cable (see the vehicle's user instructions). You can obtain an antenna supply junction piece (order no. 7 691 290 202) or the adapter cable (order no. 7 607 621 129) from your dealer.

Fitting and connecting the cable are described in the antenna fitting instructions.

2.2 Installation orientation

The device must be fitted at an angle of between 0° and +20°. The Chicago IVDM-7002 is not suitable for vertical fitting.

2.3 Fitting the bracket

The bracket included with the Chicago IVDM-7002 allows it to be mounted in vehicles with a DIN car radio slot with dimensions of 182 x 53 x 180 mm and with instrument panels that are between 1 and 20 mm thick in the region of the securing tabs (see Fig. 3). To mount the device you must push the bracket into the opening and check which of the bracket's securing tabs can be bent over with a screwdriver (see Fig. 3a).

Note: Bend all the securing tabs if possible.

2.4 Mounting the monitor unit

Push all the plugs fully into their chambers so that they engage. Then place the Chicago IVDM-7002 into the bracket at the front (see Fig. 3).

Push the device in by gently pressing both ends of the frame until the catch springs at the side lock into place (you will hear a distinct click).

Warning! Do not press the display, knobs or switches when pushing the device into place!

2.5 Removing the monitor unit

Remove the plastic masking frame. You must now push the clips in between the device and the mounting frame on the left and the right, and press them in until a distinct click can be heard (the springs at the side disengage). Now carefully withdraw the Chicago IVDM-7002 using the two clips. The connecting cable can now be released and withdrawn (see Fig. 4).

Note: When the clips have engaged, they can only be removed by withdrawing the Chicago IVDM-7002.

2.6 Fitting the amplifier

Mount the amplifier in a suitable location using the enclosed angle bracket (see Fig. 5).

Make sure that the fan's outlet opening is not covered. Use the connecting cable to join the tuner unit to the monitor unit (see Fig. 2).

5. Amplifier connection

The tuner/amplifier box provides a variety of inputs and outputs with which additional components can be connected (see Fig. 6).

(9) Connectors for loudspeaker, power supply etc.
(10) CD changer connection
(11) Control unit connection
(12) Digital out connection
(13) Audio / video input NAVI
(14) Audio / video input AUX 1
(15) Audio / video output 1
(16) Pre-amplifier output to centre loudspeaker
(17) Pre-amplifier output
(18) Radio antenna input
(19) Audio / video input AUX 2
(20) Audio / video output 2
(21) Pre-amplifier output to subwoofer
(22) Connections for the IVSC-5502 or IVSC-3302 via connecting cable 7 607 001 605

The connection should be made using the appropriate accessories from Blaupunkt.
Your dealer will be glad to tell you about this.

6. TravelPilot connection

6.1 Video connection

Connect the video output from the TravelPilot using a connecting cable 7 607 001 602 (4 m) or 7 607 001 601 (1.5 m) and the adapter cable 8 619 002 421 to the input of the control unit (see Fig. 7).

6.2 Audio connection

Plug the adapter cable 8 619 002 600 into the TravelPilot's D-chamber, and connect it to the audio input (13) (left or right). Join the adapter cable's free lead to the navigation mute lead (3) of the adapter cable 8 619 002 597 (see Fig. 7).

7. Reversing camera

7.1 Reversing light connection

Connect the reversing light to Pin 3 of chamber A of the vehicle-specific adapter (see Fig. 1). Use the included cable end (8) for this. The Chicago IVDM-7002 will switch on automatically when reverse gear is engaged.

7.2 Reversing camera connection

Connect the camera's video outputs to the video input (13). Follow the camera's fitting instructions (see Fig. 8).

8. Connection diagrams

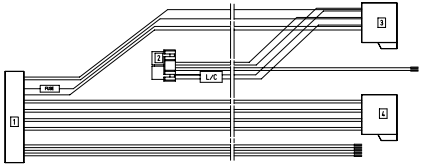
Power connection on vehicle-specific connector ..... Fig. 1
Loudspeaker connection ..... Fig. 1
Connection of the connecting cable ..... Fig. 2
TravelPilot connection ..... Fig. 2
Fitting the Chicago IVDM-7002 ..... Fig. 3
Removing the Chicago IVDM-7002 ..... Fig. 4
Mounting the tuner box ..... Fig. 5
Box pin assignments ..... Fig. 6
TravelPilot connection ..... Fig. 7
Reversing camera connection Fig. 8

Bedienteil (Head unit)
Control unit (head unit)
Unité de commande (Head unit)
Dispositivo di comando (Head unit)
Bedieningsgedeelte (head unit)
Unidad de mando (Head unit)
Unidade de comando (Head Unit)
Betjeningsdel (Head unit)
huvudenhet (panel, skärm, spelare)
Betjeningsdel (Head unit)

Verstärker (Hideway Box)
Amplifier (hideaway box)
Amplificateur (Hideway Box)
Amplificatore (Hideway Box)
Versterker (hide-away box)
Amplificador (Hideway Box)
Amplificador (Hideway Box)
Forstærker (Hideway Box)
förstärkare inkl. mottagare (dold montering)
Forsterker (Hideway Box)

Adapterkabel für TravelPilot und Lenkradfernbedienung RC 10
Adapter cable for TravelPilot and steering-wheel remote control RC 10
Câble adaptateur pour TravelPilot et télécommande au volant RC 10
Cavi di adattamento per TravelPilot e telecomando su volante RC 10
Adapterkabel voor TravelPilot een stuurwielafstandsbediening RC 10
Cable adaptador para TravelPilot y mando a distancia para volante RC 10
Cabo adaptador para TravelPilot e telecomando de volante RC 10
Adapterkabel for TravelPilot og rat-fjernbetjening RC 10
adapterkabel för navigeringsenhet TravelPilot och rattfjärrstyrning RC 10
Adapterkabel for TravelPilot og rattfjernkontroll RC 10

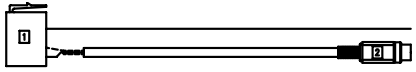
Adapterkabel
Adapter cable
Câble adaptateur
Cavo di adattamento
Adapterkabel
Cable adaptador
Cabo adaptador
Adapterkabel
adapterkabel
Adapterkabel



Fernbedienung
Remote control
Télécommande
Telecomando
Afstandsbediening
Mando a distancia
Telecomando
Fjernbetjening
fjärrstyrning
Fjernkontroll

Beipack
Accessory packs
Jeu de montage
Elementi aggiuntivi
Extra's
Paquete adicional
Componentes adicionais
Vedlæg
övriga detaljer
Sideledning i bredbåndkabel

Audio-Anschlusskabel TravelPilot
Audio connecting cable for TravelPilot
Câble de connexion audio TravelPilot
Cavo di allacciamento audio per TravelPilot
Audio-aansluitkabel TravelPilot
Cable de conexión de audio para TravelPilot
Cabo de ligação áudio para TravelPilot
Audio-tilslutningskabel TravelPilot
audioanslutningskabel TravelPilot
Audio-tilkoplingskabel TravelPilot



Antennenverlängerung
Antenna extension
Rallonge d'antenne
Prolunga per antenna
Antenneverlenging
Alargador de antena
Extensão de antena
Antenneforlænger
antennförlängning
Antenneforlengelse

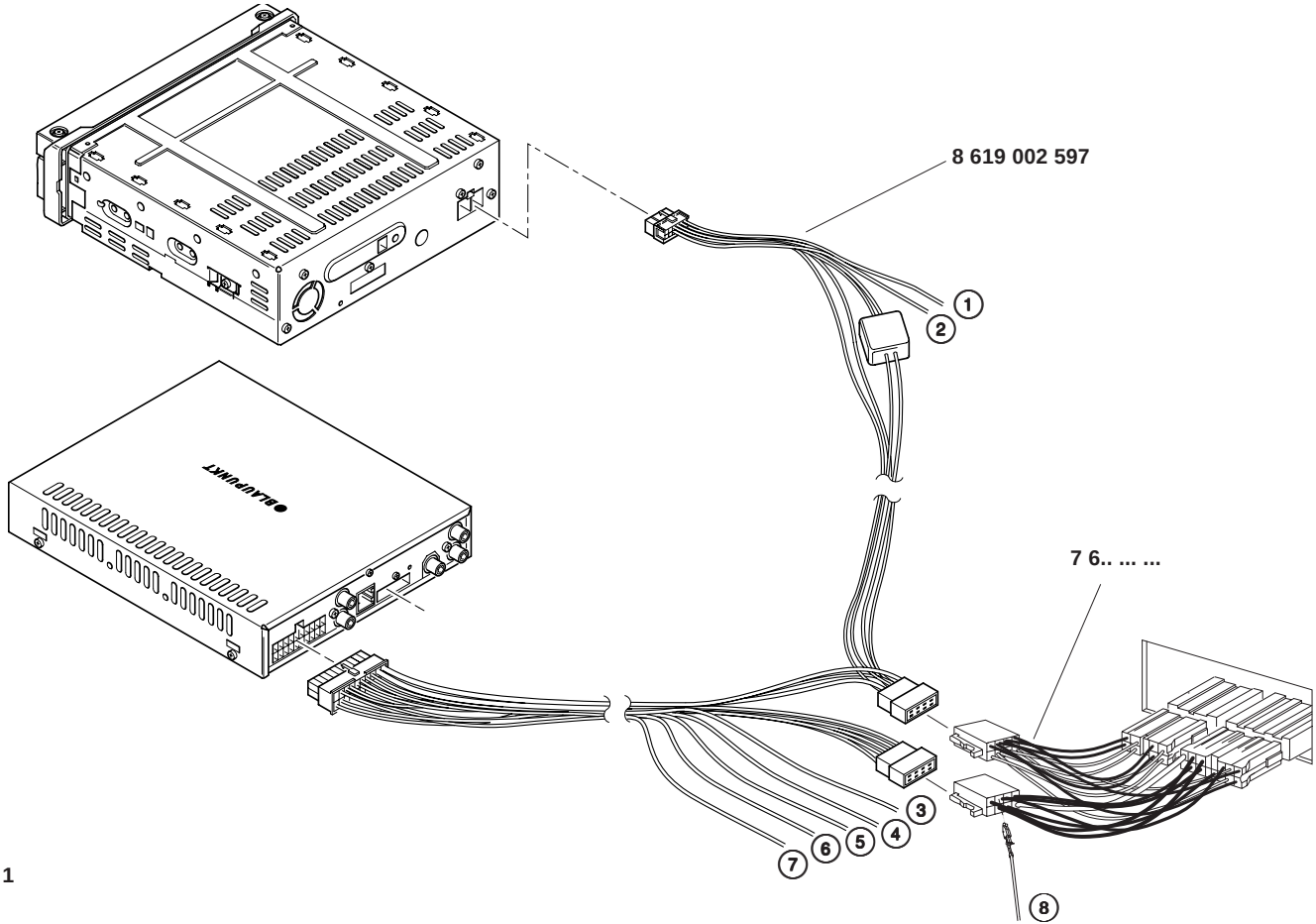


Fig. 1

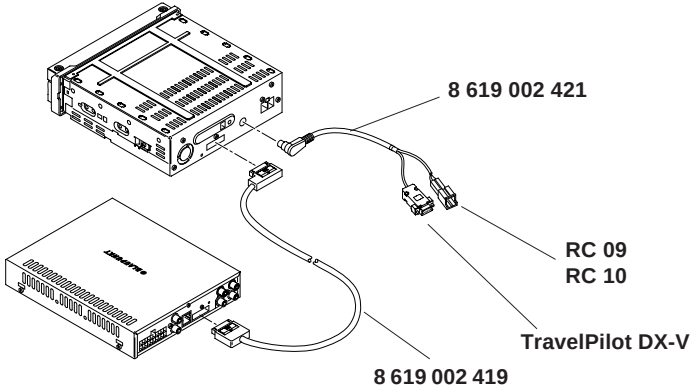


Fig. 2

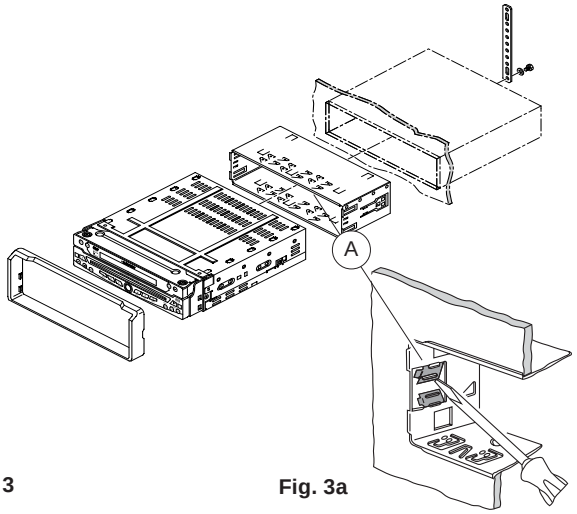


Fig. 3

Fig. 3a

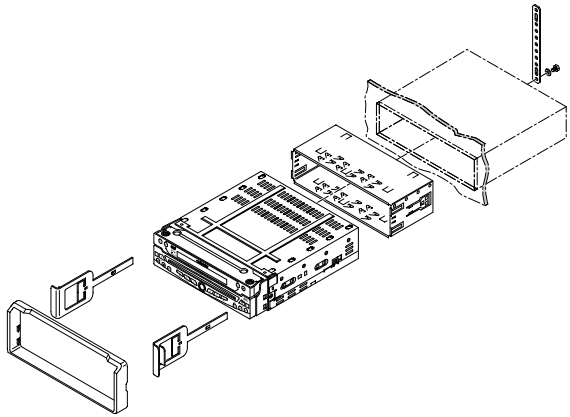


Fig. 4

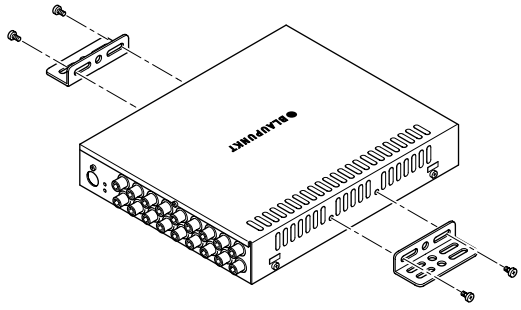


Fig. 5

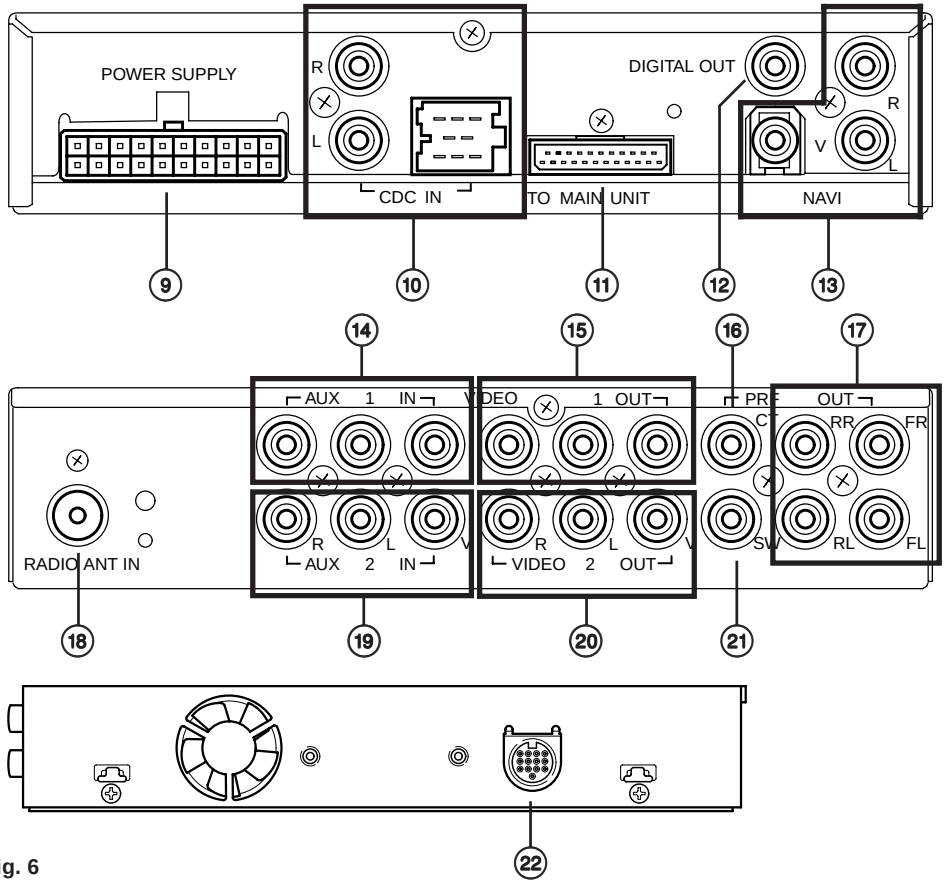

POWER SUPPLY
R
L
CDC IN
TO MAIN UNIT
DIGITAL OUT
V
R
L
NAVI
9
10
11
12
13
14
15
16
17
AUX 1 IN
VIDEO 1 OUT
PRE OUT
C
RR
FR
SW
RL
FL
RADIO ANT IN
R
L
AUX 2 IN
R
L
VIDEO 2 OUT
18
19
20
21
22

Fig. 6

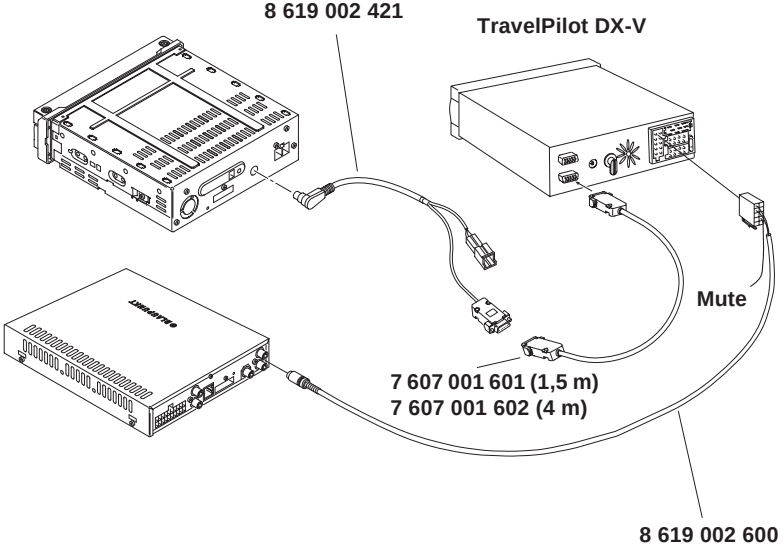

8 619 002 421
TravelPilot DX-V
Mute
7 607 001 601 (1,5 m)
7 607 001 602 (4 m)
8 619 002 600

Fig. 7

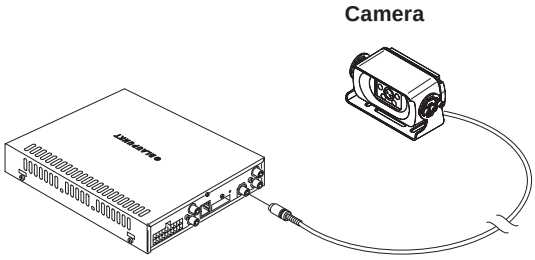

Camera

Fig. 8

Country:		Phone:	Fax:	www:
Germany	(D)	0180-5000225	05121-49 4002	http://www.blaupunkt.com
Austria	(A)	01-610 39 0	01-610 39 391	
Belgium	(B)	02-525 5444	02-525 5263	
Denmark	(DK)	44 898 360	44-898 644	
Finland	(FIN)	09-435 991	09-435 99236	
France	(F)	01-4010 7007	01-4010 7320	
Great Britain	(GB)	01-89583 8880	01-89583 8394	
Greece	(GR)	210 94 27 337	210 94 12 711	
Ireland	(IRL)	01-4149400	01-4598830	
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Luxembourg	(L)	40 4078	40 2085	
Netherlands	(NL)	023-565 6348	023-565 6331	
Norway	(N)	66-817 000	66-817 157	
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Spain	(E)	902-120234	916-467952	
Sweden	(S)	08-7501500	08-7501810	
Switzerland	(CH)	01-8471644	01-8471650	
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Turkey	(TR)	0212-3350677	0212-3460040	

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